BRUHATH BANGALORE MAHANAGARA PALIKE

DASARHALLI ZONE

DIVISION:- DASARAHALLI DIVISION

SUB DIVISION:- SHETTYHALLI SUB DIVISION

NAME OF WORK:- Construction of concrete roads and other works at Abbigere Colony from 1st to 6th cross in ward no 12, Shettyhalli sub Division.

Estimated Cost:- 50.00 Lakhs

P Code:- P1878 (2018-19)

Job No : 012-19-000013

BRUHATH BANGALORE MAHANAGARA PALIKE
DASARAHALLY ZONE

Name of work : Construction of concrete roads and other works at Abbigere colony from 1st cross to 6th cross in ward no 12, Shettyhalli sub Division

Est .Cost Rs. 50.00 Lakhs			*P code : P1878*				*Job No :012-19-000013*		
Sl. No.	Description of work	Unit	Measurements				Qty	Rate	Amount
			No	L	B	D			
1	KSRRB M200-24. Dismantling of cement concrete pavement by Cummechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications.MORTH Specification No. 202. **(PWD SR 2018-19 Page 137. It. No. 18.47)**								
	Abbigere Colony	**Cum**							
	1st cross		1	22.50	6.80	0.25	38.25		
	2nd cross		1	23.10	5.05	0.25	29.16		
	3rd cross		1	24.20	4.85	0.25	29.34		
	6th cross		1	29.00	4.20	0.25	30.45		
							127.21	**807.72**	**102747.03**
	Basic Rate	**762.00**							
	add AW 6%	45.72							
		807.72							
2	Removing B.S. slab of Drain and stacking complete as per the direction of Engineer-in-charge of the work **(PWD SR 2018-19 It No 5.32 Page No 27)**								
		Sqm							
-		1	1	275.00		1.65	453.75		
							453.75	**104.94**	**47616.53**
	Basic Rate	**99.00**							
	add AW 6%	5.94							
		104.94							
3	**Earthwork excavation by manual means in Ordinary soil** involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work.**(PWD SR 2018-19, Page No.142, Item No. 19.1)** including Conveying the excavated earth silt, debris and over burden earth etc., to lead of 0 to 5 kms distance by using private vehicle this includes the cost of loading and unloading charges etc., complete as per the direction of Engineer-in-charge of the work								
	Abbigere Colony	**Cum**							
	1st cross		1	22.50	6.80	0.25	38.25		
	2nd cross		1	23.10	5.05	0.25	29.16		
	3rd cross		1	24.20	4.85	0.25	29.34		
	6th cross		1	29.00	4.20	0.25	30.45		
	Drain		1	275.00	1.20	1.10	363.00		
			1	275.00	0.45	0.45	55.69		

			2	260.00	0.45	0.45	105.30		
			2	285.00	0.60	0.60	205.20		
							856.39	**211.79**	**181373.92**
	Basic Rate	**130.00**							
	add loading & unloading	57.00							
	lead for 5 km=5*1.28*2.0	12.80							
	Total	199.80							
	add AW 6%	11.99							
		211.79							
4	KSRRB M2100 -10. **Plain cement concrete of mix 1:3:6** with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46 cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scafofolding and centering complete as per specifications MORTH Specification No. 2100 **(PWD SR 2018-19 Page No.222 , Item No. 27.18)**									
	Abbigere Colony	**Cum**							
	1st cross		1	22.50	6.80	0.15	22.95		
	2nd cross		1	23.10	5.05	0.15	17.50		
	3rd cross		1	24.20	4.85	0.15	17.61		
	6th cross		1	29.00	4.20	0.15	18.27		
	Drain		1	275.00	1.20	0.15	49.50		
							125.82	**5421.90**	**682203.7901**
	Basic rate	**5115**							
	Add AW 6%	**306.9**							
		5421.9							
5	Providing laying palin / reinforced cement concrete for **side Drain using M20 nominal mix concrete** with OPC at 300 kgs with 20 mm and down size granite metal coarse aggregates at 0.69 cum fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom **including centering, shuttering, cost of materials,** HOM of machinery, curing etc., completet excluding cost of steel ae per MMORTH specification No 1500, 1700, 2200. including cost of materials, labour, HOM completet as per specificatios. wall and bottom thickness 15 cms **(PWD SR 2018-19 It No 37.59.1 Page No 271)**									
	Abbigere Colony	**Cum**							
	1st cross		1	22.50	6.80	0.15	22.95		
	2nd cross		1	23.10	5.05	0.15	17.50		
	3rd cross		1	24.20	4.85	0.15	17.61		
	6th cross		1	29.00	4.20	0.15	18.27		
	Drain Bottom		1	275.00	1.20	0.15	49.50		
	Drain wall		2	275.00	0.65	0.15	53.63		
							179.45	**7070.20**	**1268738.552**
	Basic rate	**6670**							
	Add AW 6%	**400.2**							
		7070.2							

6	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. Specification No. KBS 4.6.3 **(PWD SR 2018-19 Pg No.18 Item No.4.46.2)**								
			49.50+53.63= 103.13 CUM @ 65				**6.70**	**75223.36**	**504222.18**
7	Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)								
			2	275.00	0.90		495.00		
			3	60.00	0.90		162.00		
			2	40.00	0.90		72.00		
			1.5	30.00	0.90		40.50		
							769.50	**1651.00**	**1270444.50**
8	Removing and resetting of foot path slab ((P 270 It No 37.56)								
	Abbigere village		1	275.00	0.75		206.25		
			2	260.00	0.75		390.00		
			2	285.00	0.90		513.00		
							1109.25	**208.82**	**231633.59**
	Basic Rate	**197**							
	add aw @ 6%	**11.82**							
		208.82							
							Sub Total		**4288980.086**
9	**Add GST @ 12 %**								**514678.00**

	Add BRIDL charges @ 4.5%							193086.05
	-							
9	Add for unforseen charges and rounding off						L.s	1216.90
								5000000.00
	(Rupees Fifteen Lakhs Only)							

CERTIFICATE

1) The work spot has been inspected and found to be necessary
2) The work spot comes under BBMP limits.
3) The provisions made in this estimate are necessary and minimum.
4) The rates adopted are as per PW,P IWTD SR of 2018-19 and Issued rates.
5) This work is not split up

Asst Engineer
Ward-12

Asst.Executive Engineer
Shettyhalli Sub Division

Executive Engineer
Dasharahalli Division

ನಂ. EE/DD/AS/126/18-19 ದಿನಾಂಕ : 24/01/19
ರೂ. Rs 50.00 lakhs
Rupees Fifty lakhs only
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

ನಂ: CE/D2/TS/57/19-20 ದಿನಾಂಕ : 23/9/19
ರೂ. 50.00 lakhs/- ಅ
Fifty lakhs only
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
ತಾಂತ್ರಿಕ ಸಹಾಯಕರು
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.